

Group IV, claims 24, 25 and 39, drawn to a method of making a transgenic non-human animal comprising a single transgene encoding human Tau protein, wherein the transgene disrupts the endogenous encoding a Tau protein equivalent, the non-human animal;

Group V, claims 26-28 and 40-42, drawn to a method of making a doubly transgenic non-human animal comprising introducing both a transgene encoding human Tau into the equivalent Tau gene of the animal and a transgene encoding a human protein capable of modulating human Tau protein into the equivalent Tau-modulating gene of the animal into an ES cell and generating an animal from the ES cell, and the non-human animal generated by said method.

Group VI, claims 29, 35-37, 40-42 and 49-51, drawn to a method of making a doubly transgenic non-human animal comprising introducing a transgene encoding human Tau into the equivalent Tau gene of a first non-human animal, introducing a second transgene encoding a human protein capable of modulating human Tau protein into the equivalent Tau-modulating gene of a second animal, and mating the animals to generate the doubly transgenic non-human animal; and

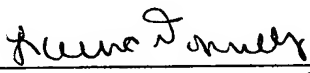
Group VII, claims 30-34 and 38, drawn to a method of making a transgenic non-human animal comprising a single transgene encoding human Tau wherein the human Tau transgene is integrated at a site other than the endogenous human Tau equivalent gene, and further comprising a second transgene that upon integration into the genome is capable of preventing expression of the endogenous Tau protein, wherein the method involves introducing said nucleic acid into a cell of an embryo.

The Office Action asserts that claim 43 is an improper dependent claim.

In response, applicants elect Group I, claims 1-11 and 20-23, without traverse and amend claim 43 to provide proper dependency.

Early consideration and prompt allowance of the pending claims is respectfully requested.

Respectfully submitted,

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